

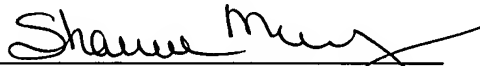


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PATENT

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Shauna Murray

Inventor: Fitzhugh et al
Serial No.: 10/657,045
Filing Date: 09/04/2003
Title: USES FOR MEDICAL
DEVICES HAVING A
LUBRICIOUS, NITRIC OXIDE
RELEASING COATING

Examiner: UNKNOWN
Group Art Unit: 1616
Atty Docket No.: P297CON2 (14364-0108)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR § 1.56, Applicants submit herewith patents, publications or other information of which they are aware that may be considered in connection with the above-referenced patent application. Submission of this Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein is "material" to applicants' invention as that term is currently defined in 37 CFR § 1.56 (37 CFR § 1.97(h).

In accordance with 37 CFR § 1.97(g), the filing of this Information disclosure Statement shall not be construed to mean that a search has been made or that no other relevant information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any matter. Notice of January 9, 1992, 1135 O.G. 13-25 at 25.

Applicant: Fitzhugh et al.
Serial No.: 10/657,045
Group Art Unit: 1616

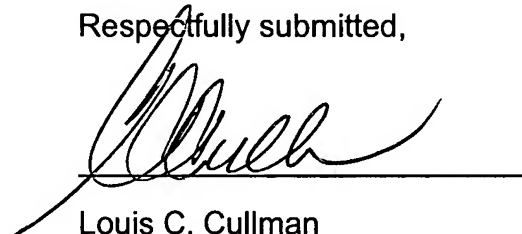
PATENT
Docket No. P297CON2 (14364-0108)

A Patent and Trademark Office Form PTO/SB/08A listing each of these informational items is enclosed along with a copy of each item.

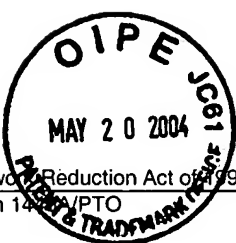
This Information Disclosure Statement is being filed before the issuance of the first Office Action. The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account No. 50-1329.

Respectfully submitted,

Dated: 5/16/04


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Sheet 1 of 3 Attorney Docket Number 14364-0108

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US - 4,954,526	09-04-1990	Keefer	
	2	US - 5,039,705	08-13-1991	Keefer et al.	
	3	US - 5,155,137	10-13-1992	Keefer et al.	
	4	US - 5,171,217	12-15-1992	March et al.	
	5	US - 5,212,204	05-18-1993	Keefer et al.	
	6	US - 5,229,172	07-20-1993	Cahalan et al.	
	7	US - 5,250,550	10-05-1993	Keefer et al.	
	8	US - 5,268,465	12-07-1993	Bredt et al.	
	9	US - 5,366,997	11-22-1994	Keefer et al.	
	10	US - 5,380,758	01-10-1995	Stamler et al.	
	11	US - 5,405,919	04-11-1995	Keefer et al.	
	12	US - 5,428,070	06-27-1995	Cooke et al.	
	13	US - 5,468,630	11-21-1995	Billiar et al.	
	14	US - 5,482,925	01-09-1996	Hutsell	
	15	US - 5,519,020	05-21-1996	Smith et al.	
	16	US - 5,525,357	06-11-1996	Keefer et al.	
	17	US - 5,574,068	11-12-1996	Stamler et al.	
	18	US - 5,583,101	12-10-1996	Stamler et al.	
	19	US - 5,632,981	05-27-1997	Saavedra et al.	
	20	US - 5,650,447	07-22-1997	Keefer et al.	
	21	US - 5,658,565	08-19-1997	Billar et al.	
	22	US - 5,676,963	10-14-1997	Keefer et al.	
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	25	US - 5,700,830	12-23-1997	Korthuis et al.	
	26	US - 5,714,511	02-03-1998	Saavedra et al.	
	27	US - 5,718,892	02-17-1998	Keefer et al.	
	28	US - 5,721,365	02-24-1998	Keefer et al.	
	29	US - 5,770,645	06-23-1998	Stamler et al.	
	30	US - 5,789,447	08-04-1998	Wink, Jr. et al.	
	31	US - 5,814,656	09-29-1998	Saavedra et al.	
	32	US - 5,814,667	09-29-1998	Mitchell et al.	
	33	US - 5,837,736	11-17-1998	Mitchell et al.	
	34	US - 5,837,313	11-17-1998	Ding et al.	

Examiner
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Date
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Sheet

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of

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Application Number	10/657,045
Filing Date	09/04/2003
First Named Inventor	Fitzhugh et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	14364-0108

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	35	US - 5,840,759	11-24-1998	Mitchell et al.	
	36	US - 5,877,216	03-02-1999	Place et al.	
	37	US - 5,891,459	04-06-1999	Cooke et al.	
	38	US - 5,910,316	06-08-1999	Keefer et al.	
	39	US - 5,945,452	08-31-1999	Cooke et al.	
	40	US - 5,958,427	09-28-1999	Salzman et al.	
	41	US - 5,962,520	10-05-1999	Smith et al.	
	42	US - 5,994,444	11-30-1999	Trescony et al.	
	43	US - 6,024,918	02-15-2000	Hendriks et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
		WO	00/02501		William Harvey Research LTD.	01-20-2000		
		WO	0030658	A1	Smith et al.	06-02-2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Keefer, et al; "NONOates" (1-Substituted Diazen-1-ium-1,2-diolates) as Nitric Oxide Donors: "Convenient Nitric Oxide Dosage Forms." Methods in Enzymology, Vol 268: 281-293	
		Saavedra, et al.; Conversion of Polysaccharide to Nitric Oxide-Releasing Form Dual-Mechanism Anticoagulant Activity of Diazeniumdiolated Heparin." Bioorganic & Medicinal Chemistry Letters 10 (2000) 1-3	
		Hrabie, et al; "New Nitric Oxide-Releasing Zwitterions Derived from Polyamines." J.Org. Chem. 1993, 58 1472-1476	
		Chandy, et al; "Use of Plasma Glow for Surface-Engineering Biomolecules to Enhance Bloodcompatibility of Dacron and PTFE Vascular Prosthesis." Biomaterials 21 (2000): 699-712	
		Drago, Russell S.; "Reactions of Nitrogen(II) Oxide" No. 36, Advances in Chemistry Series, American Chemical Society, Washington, D.C. 1962, pp.143-149	
		Bauer et al.; Evaluation of Linear Polyethyleneimine/nitric Oxide Adduct on Wound Repair: Therapy versus Toxicity; Wound Repair & Regeneration, November/December 1998, pp. 569/577	
		Hanson et al.; Nitric Oxide Donors: A Continuing Opportunity in Drug Design; Advances in Pharmacology, Vol 34, pp. 383/398	
		Jordi; Jordi Gel Columns for Size Exclusion Chromatography; Column Handbook for Size Exclusion Chromatography; 1999, pp.367/425	

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Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	3	Application Number	10/657,045
				Filing Date	09/04/2003
				First Named Inventor	Fitzhugh et al.
				Group Art Unit	1616
				Examiner Name	
				Attorney Docket Number	14364-0108

		Downey et al.; Growth Mechanism of Poly(divinylbenzene) Microspheres in Precipitation Polymerization; American Chemical Society, Easton, US, Vol. 32, No. 4, 4 May 1999; pgs 2838-2844	
		Pulfer et al.; Incorporation of Nitric Oxide-Releasing Crosslinked Polyethyleneimine Microspheres Into Vascular Grafts; Journal of Biomedical Materials Research; Wiley, New York, NY, Vol. 37, No. 2, November 1997 (1997-11); pp. 182-189	
		Zhang et al.; Synthesis of Nitric Oxide Releasing Silicone Rubbers for Biomedical Applications; Polymer Preprints; Vol. 40, No. 2, 1999, pgs 799-800	
		Kaul et al.; Polymeric/Based Perivascular Delivery of a Nitric Oxide Donor Inhibits Intimal Thicening After Balloon Denudation Arterial Injury: Role of Nuclear Factor/kappaB; Journal of the American College of Cardiology, Vol. 35, No. 2, 2000:493/501	
		Mowery et al.; Preparation and Characterization of Hydrophobic Polymeric Films That Are Thromboresistant Via Nitric Oxide Release; Biomaterials 21 (2000) 9/21	
		Smith et al.; Nitric Oxide/Releasing Polymers Containing the [N(O)NO] Group; J.Med.Chem. 1996, 39, 1148/1156	

Examiner Signature		Date Considered	
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